

APPROVED	O.G. FIG.
BY	CLASS
DRAFTSMAN	434 167

Fig. 2

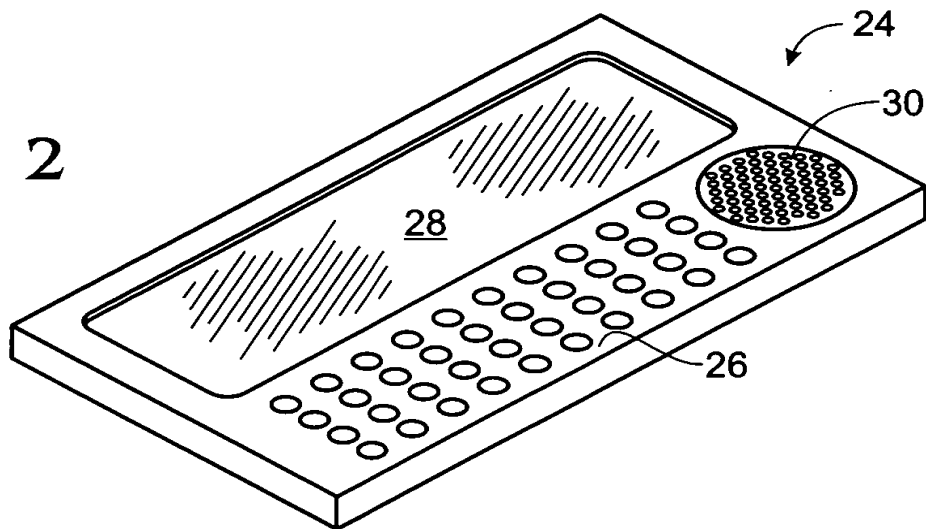


Fig. 3

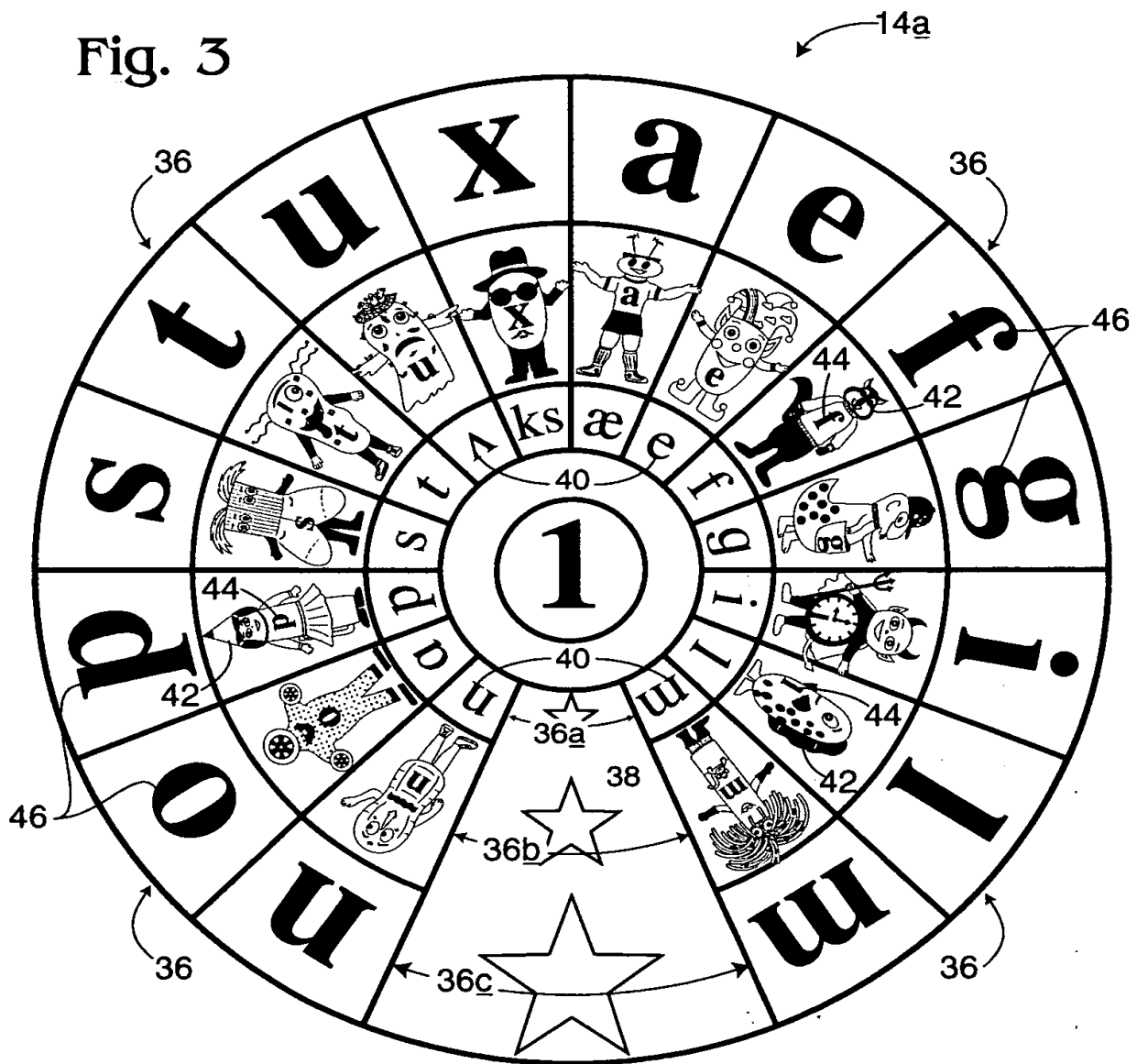


Fig. 4

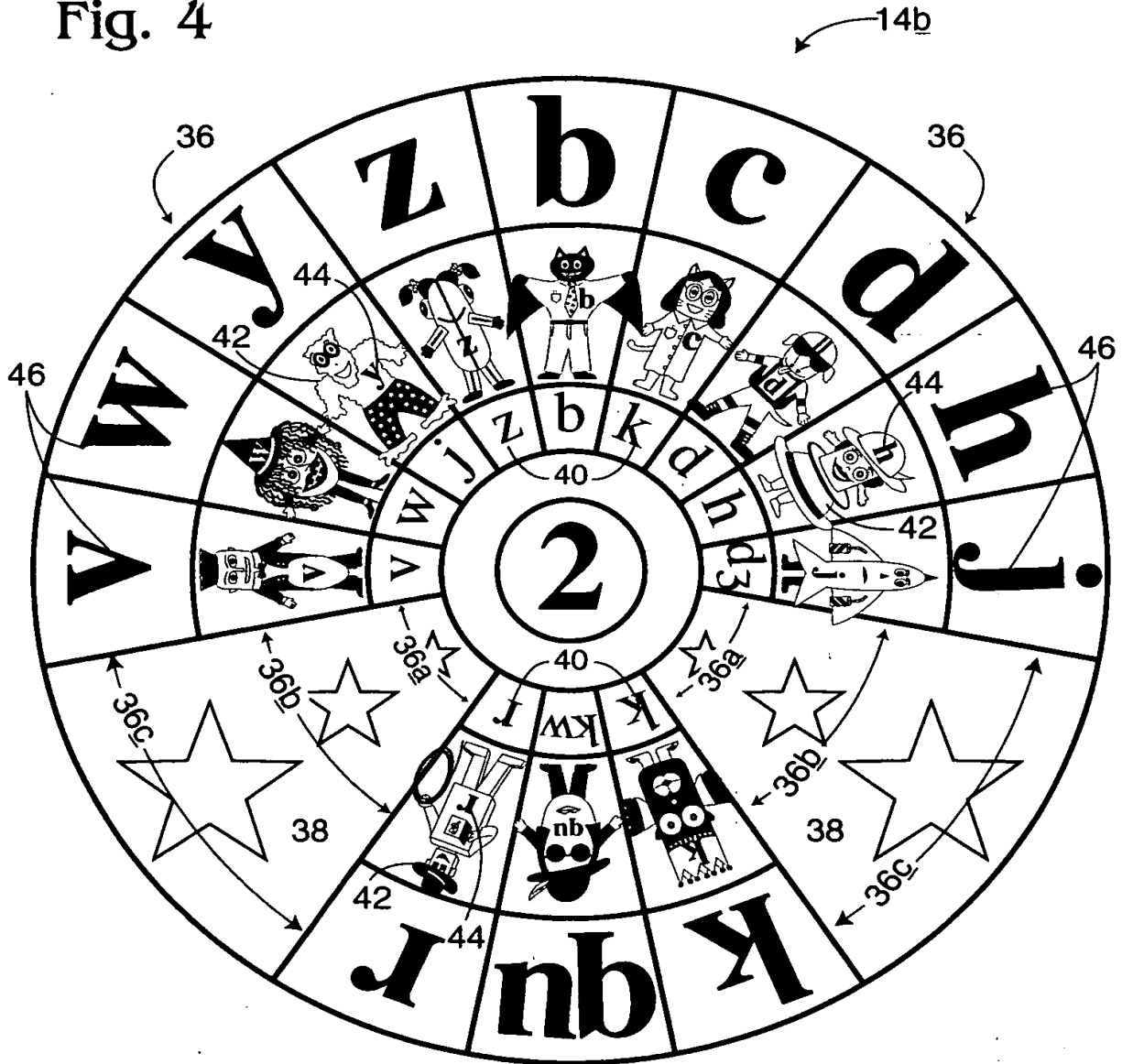
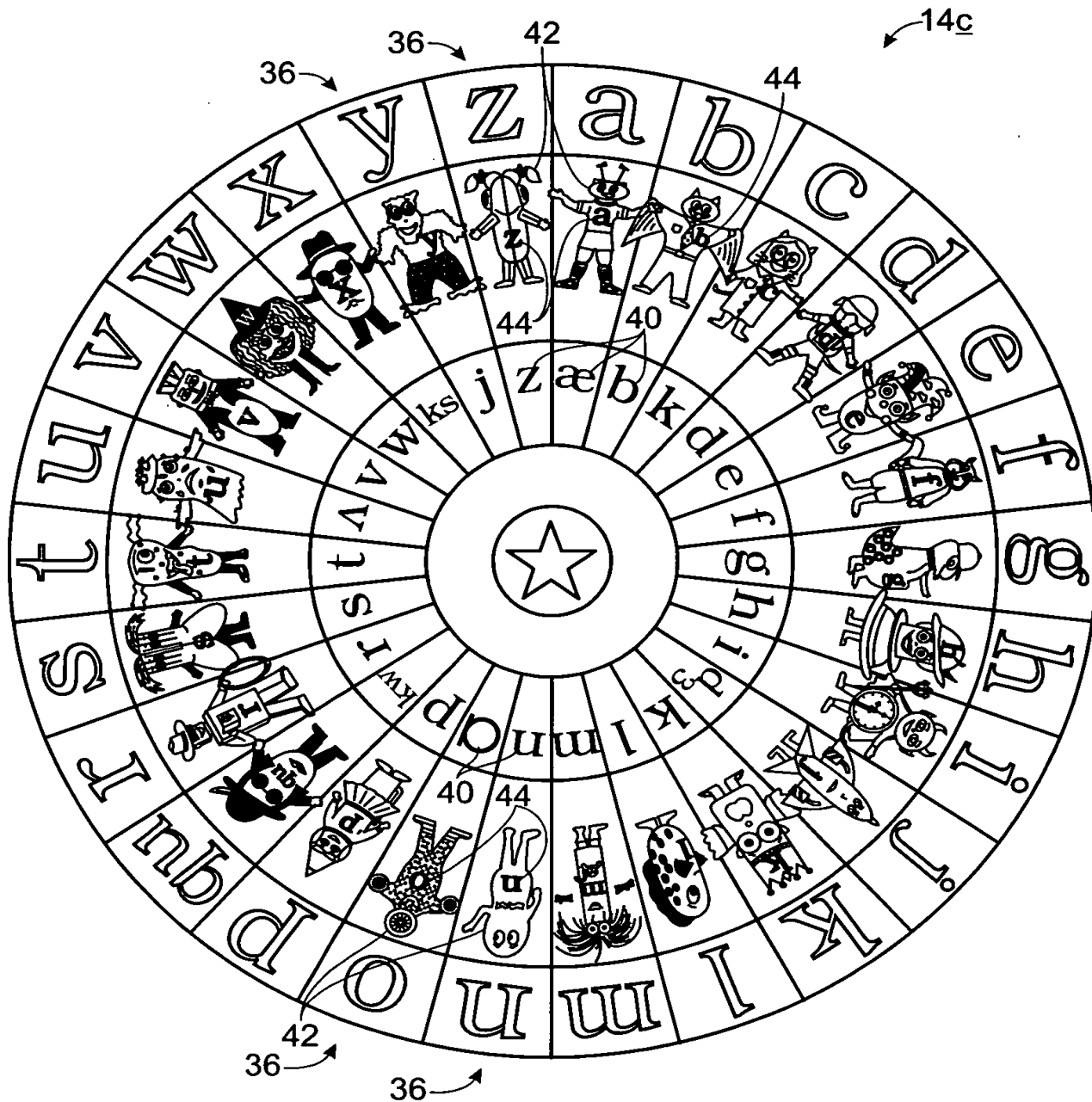
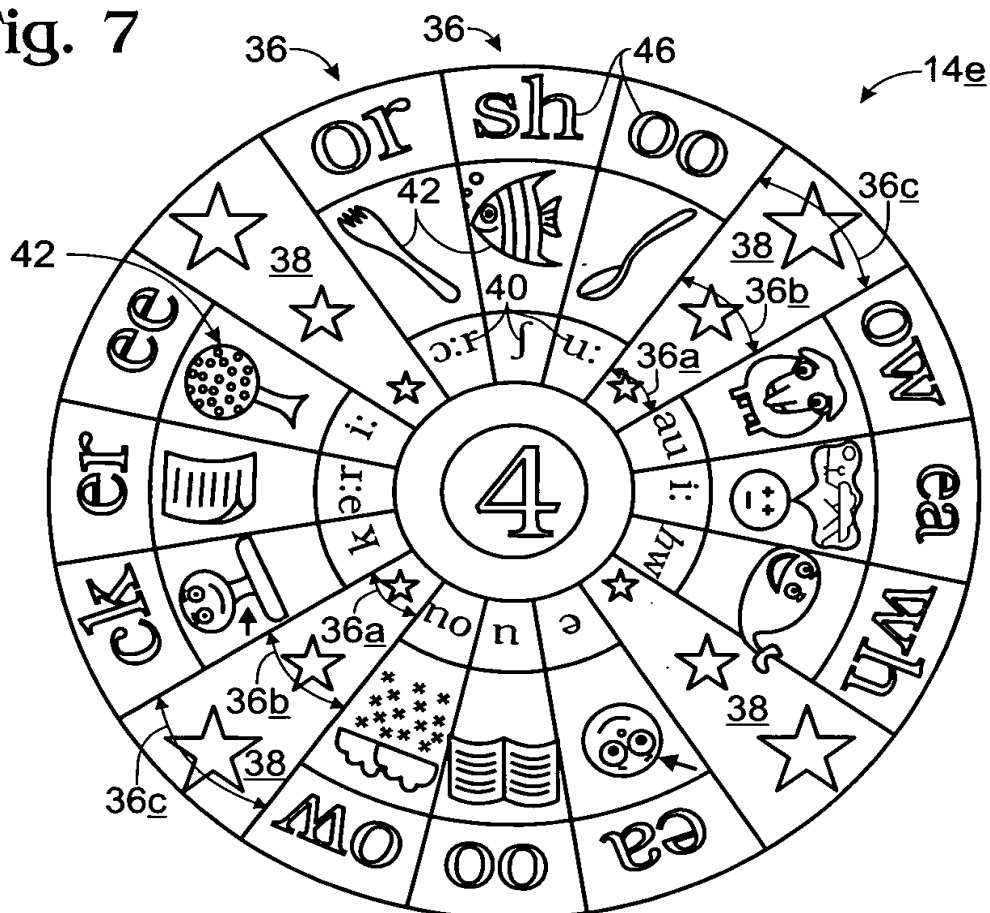


Fig. 5





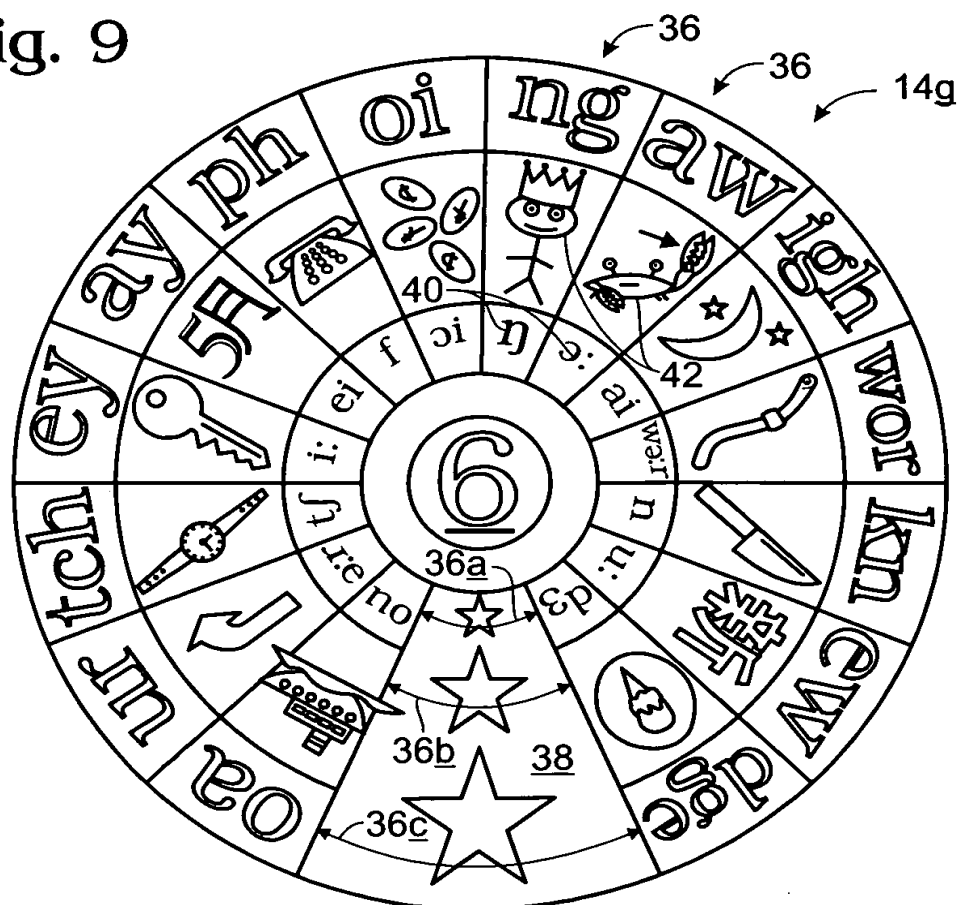


Fig. 10

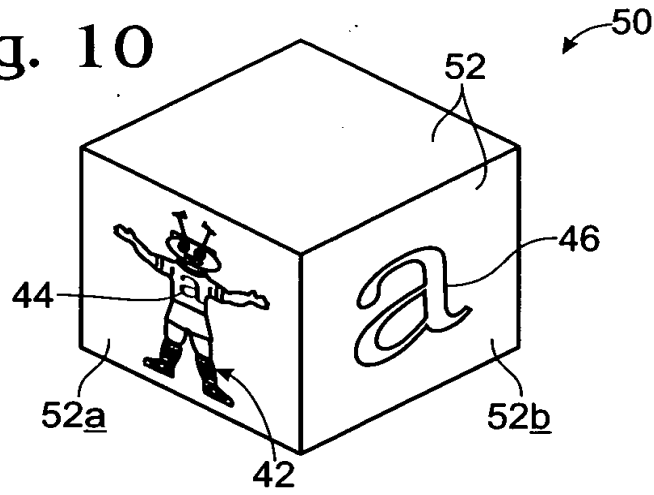


Fig. 11

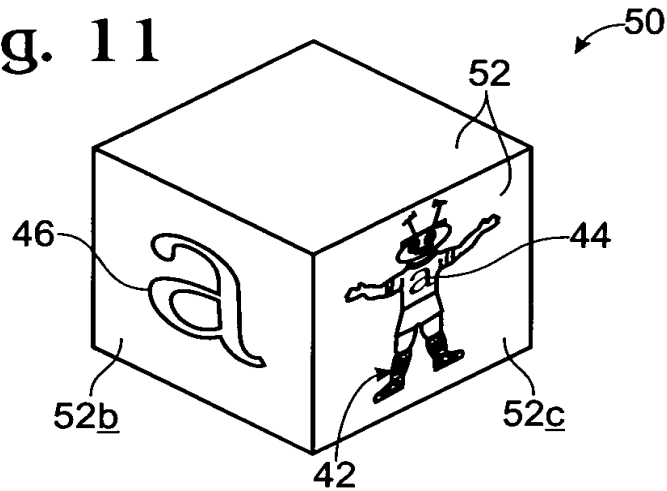


Fig. 12

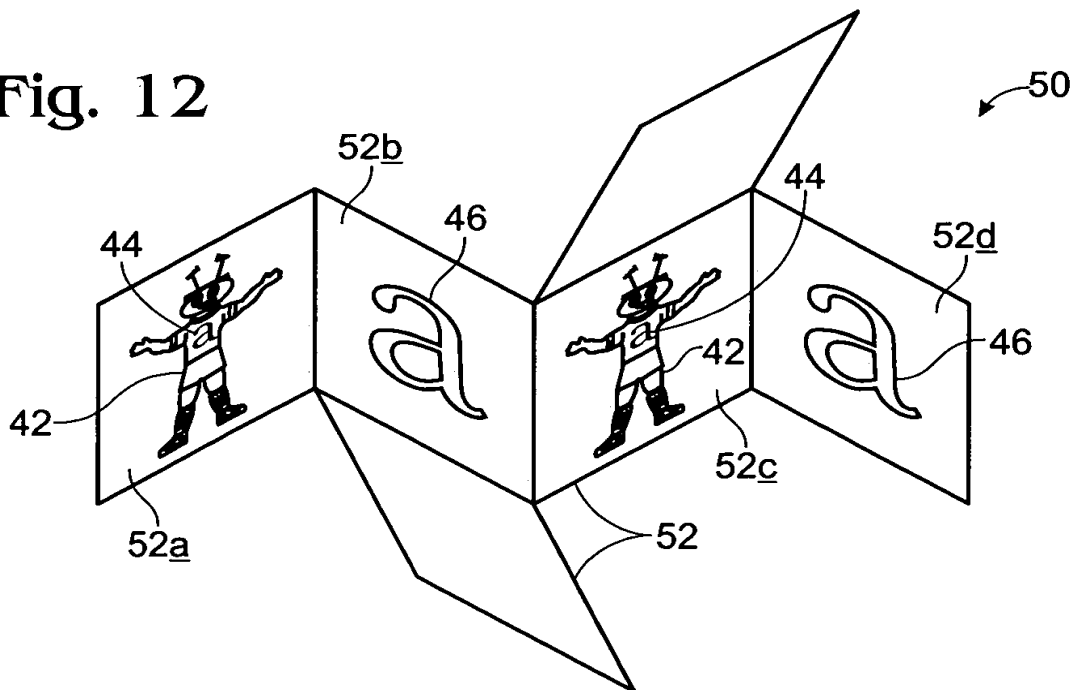


Fig. 13

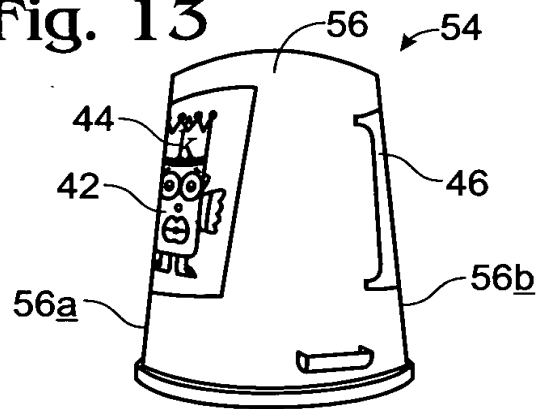


Fig. 14

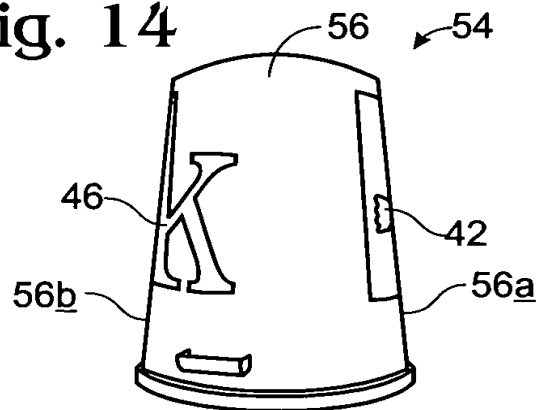


Fig. 15

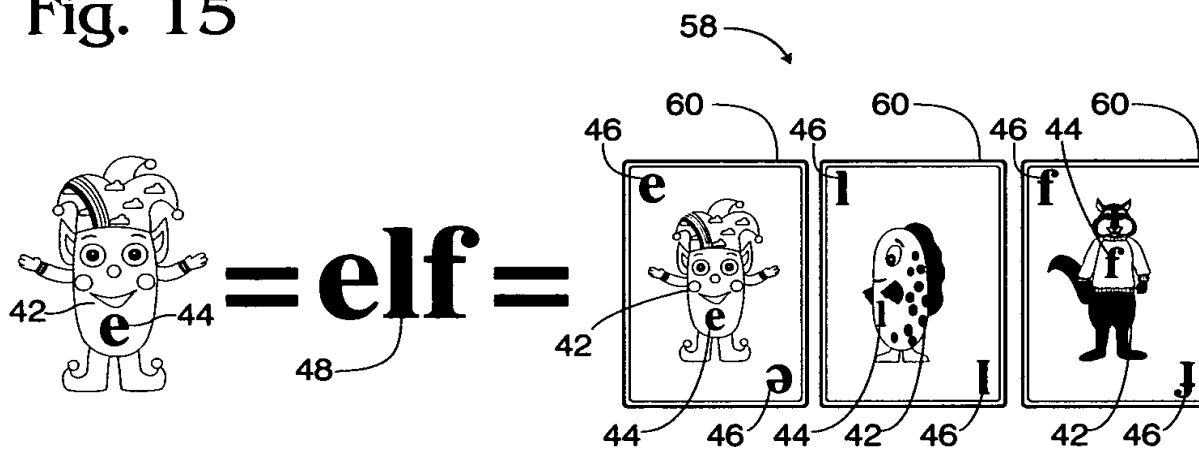


Fig. 16

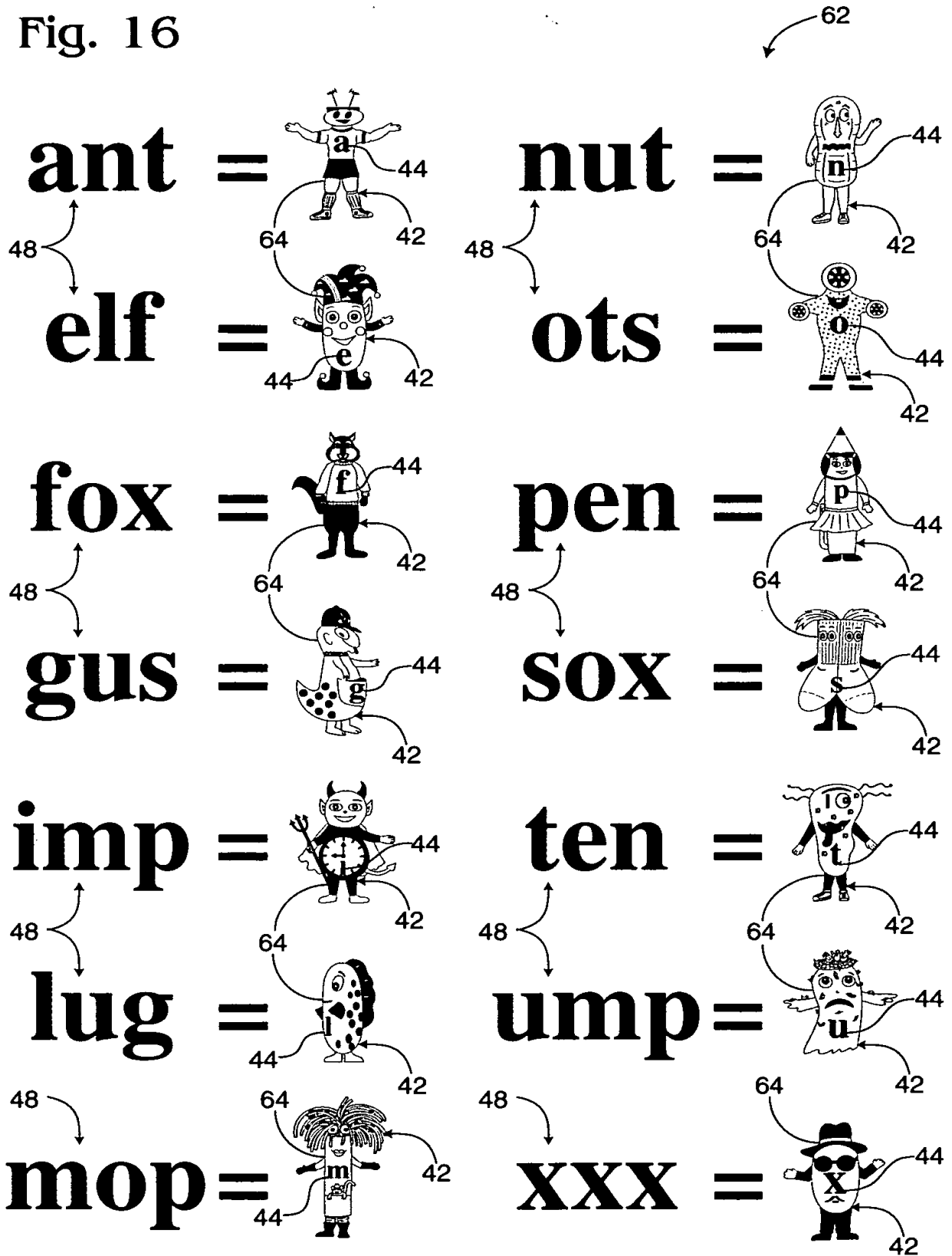


Fig. 17

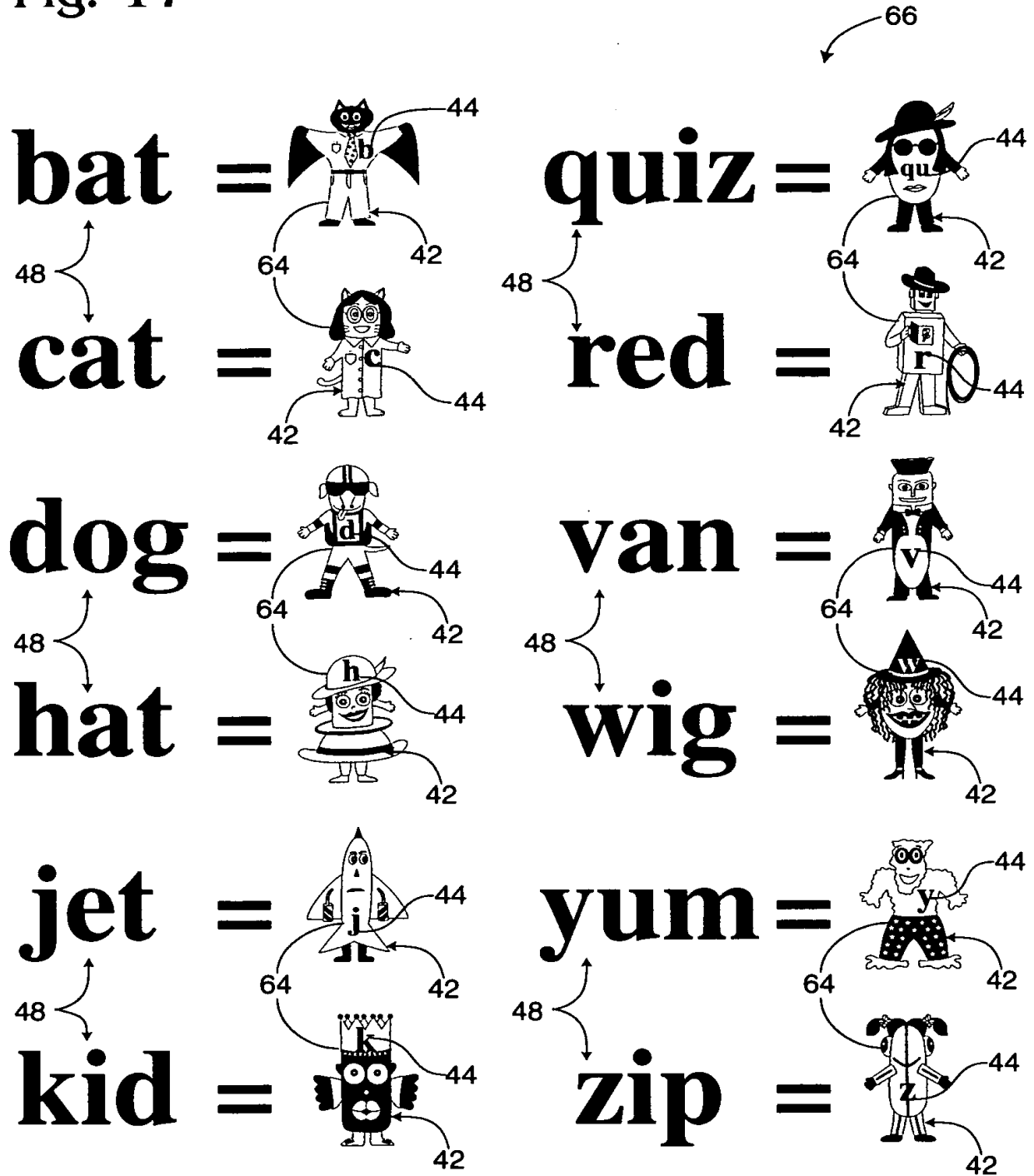


Fig. 18

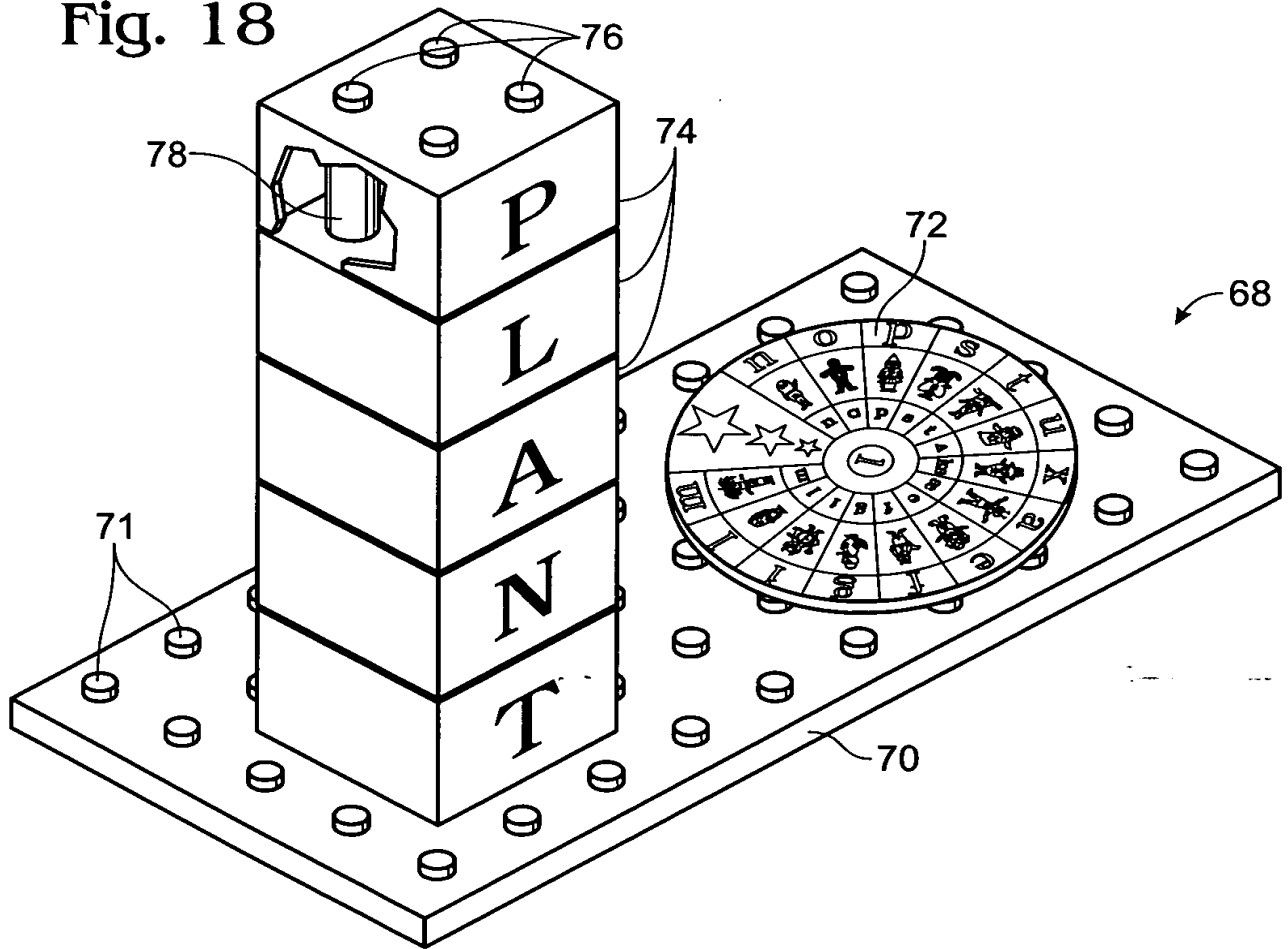


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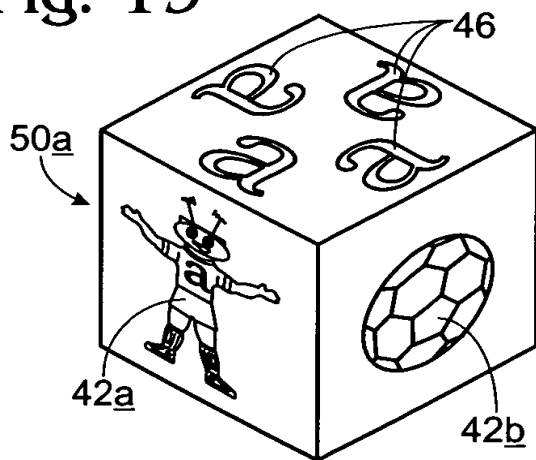


Fig. 20

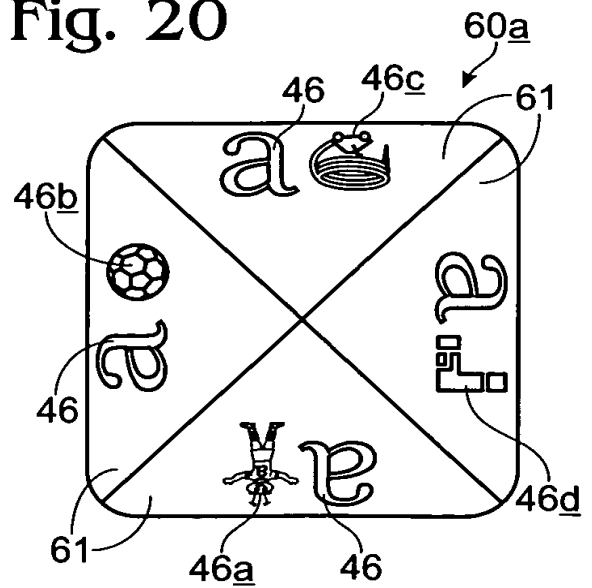


Fig. 21

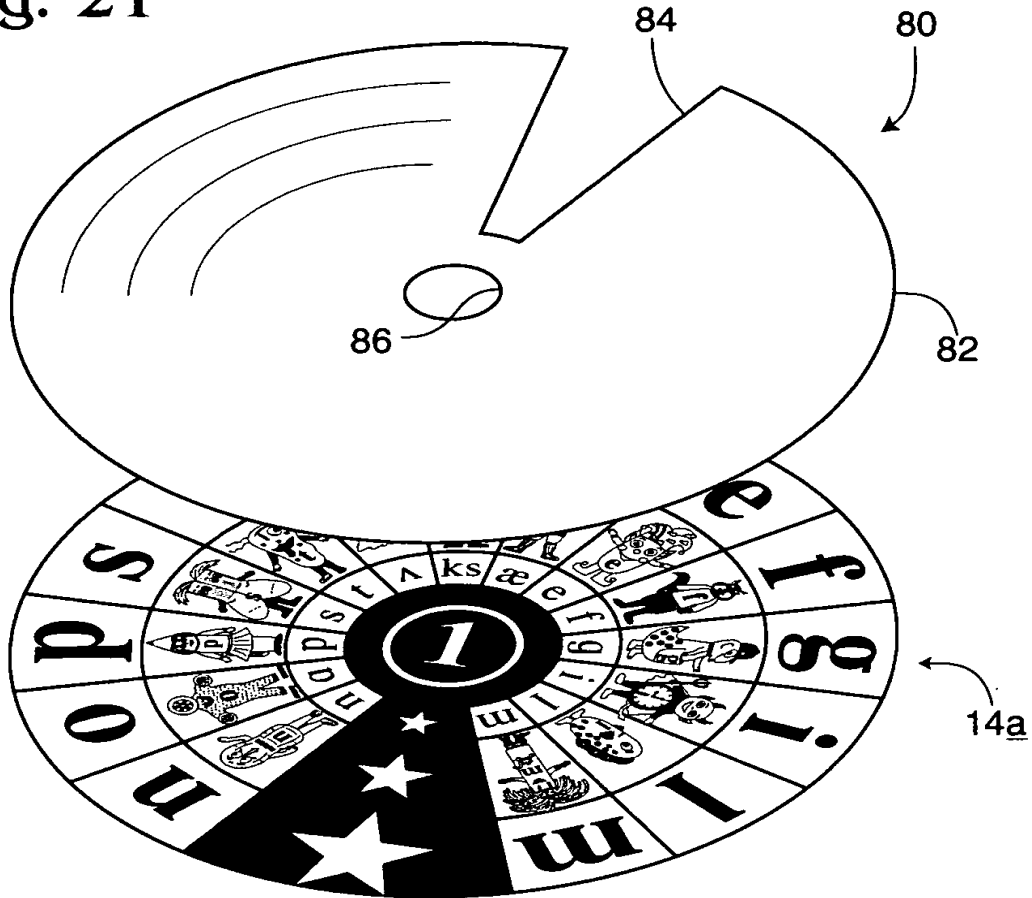
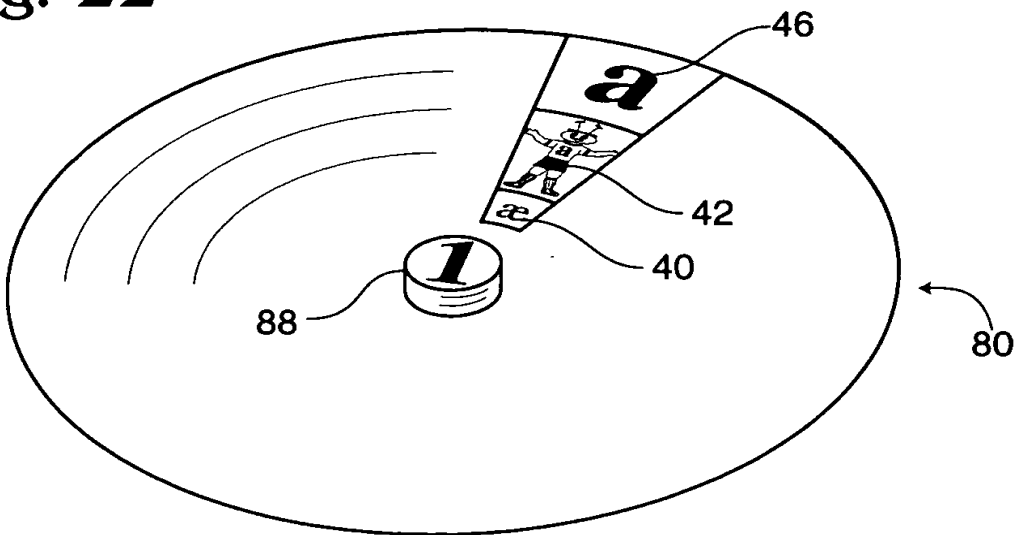
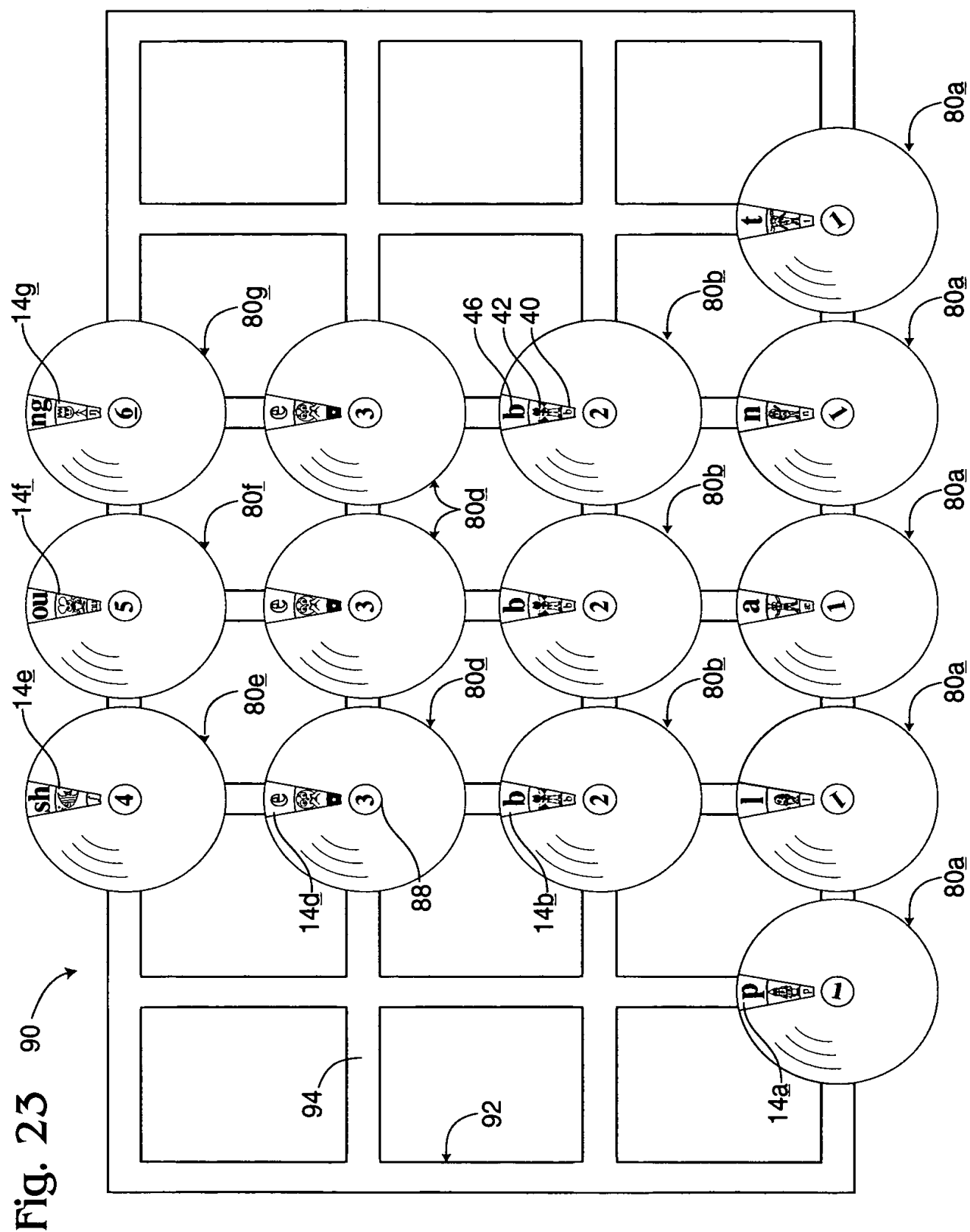


Fig. 22





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Fig. 24

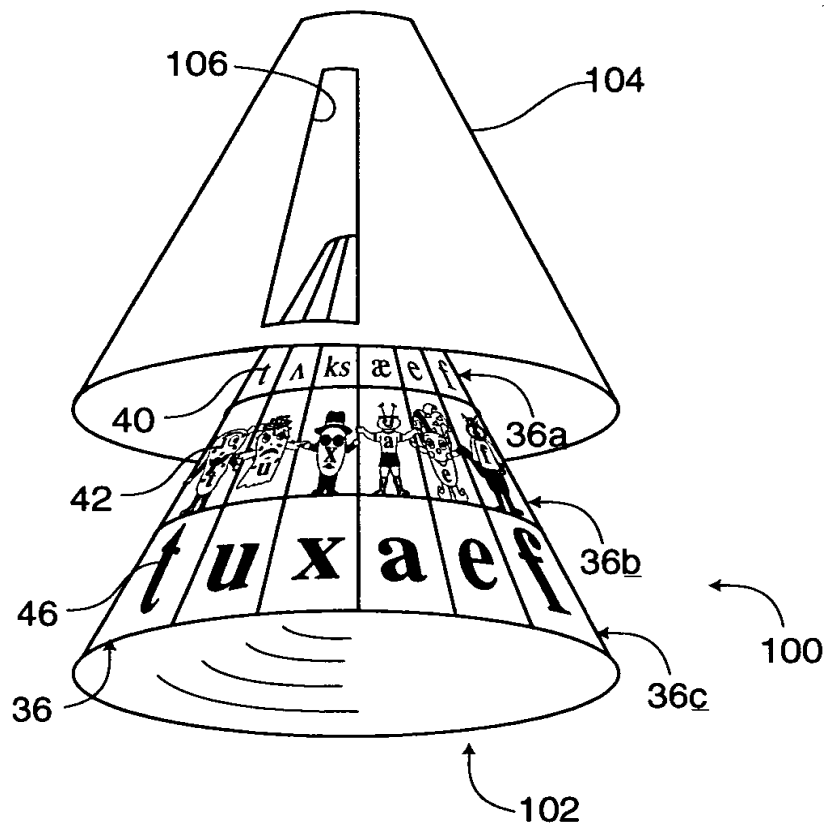
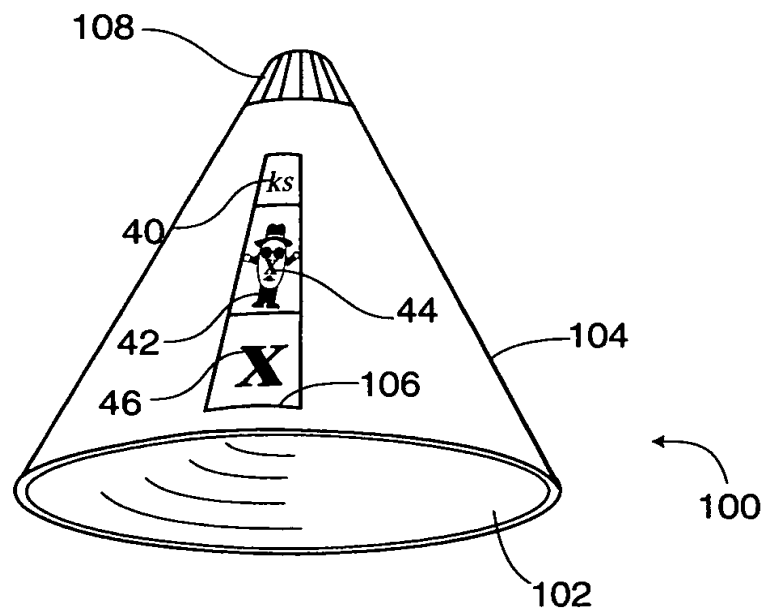


Fig. 25



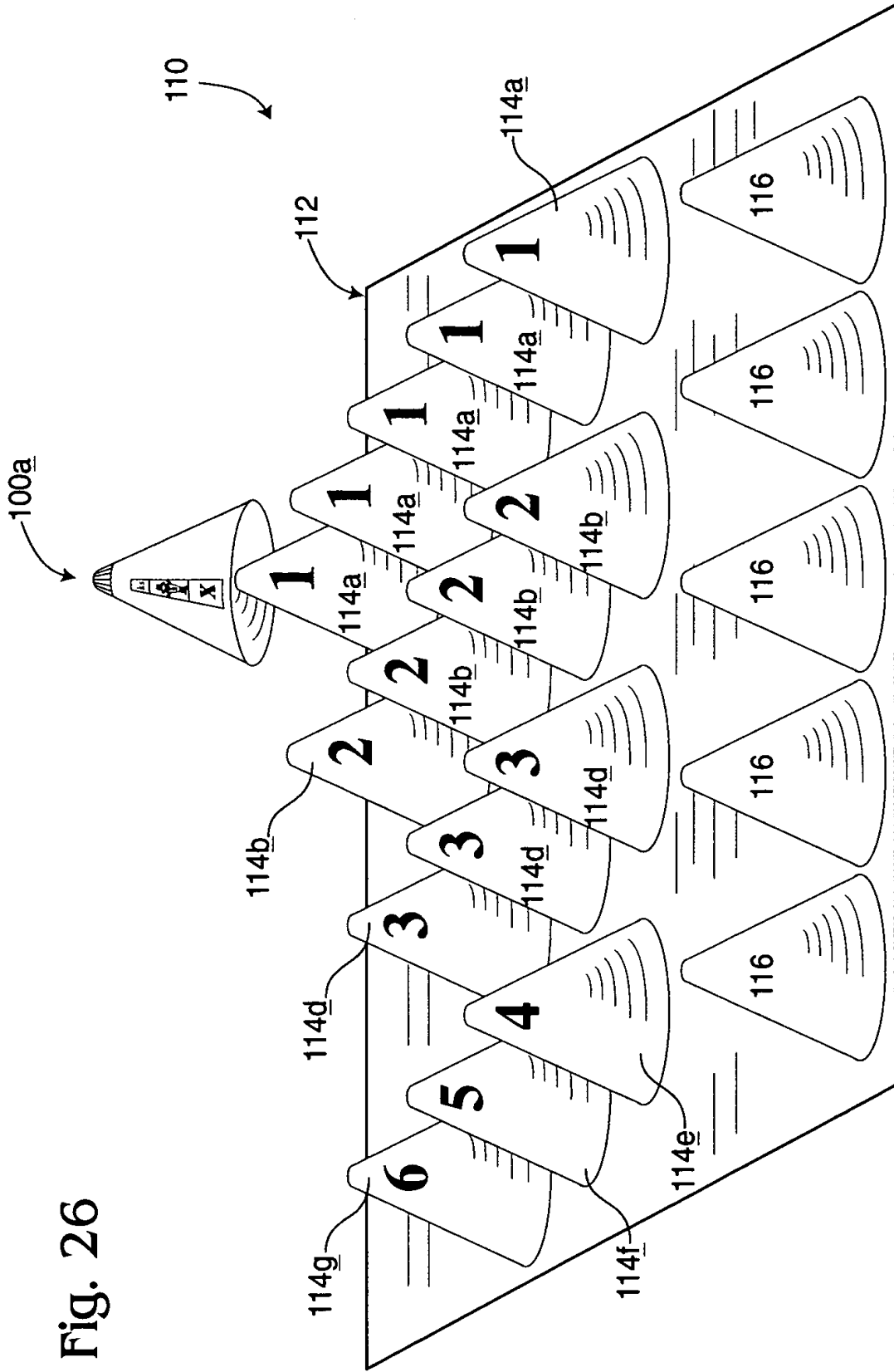


Fig. 26

Fig. 27

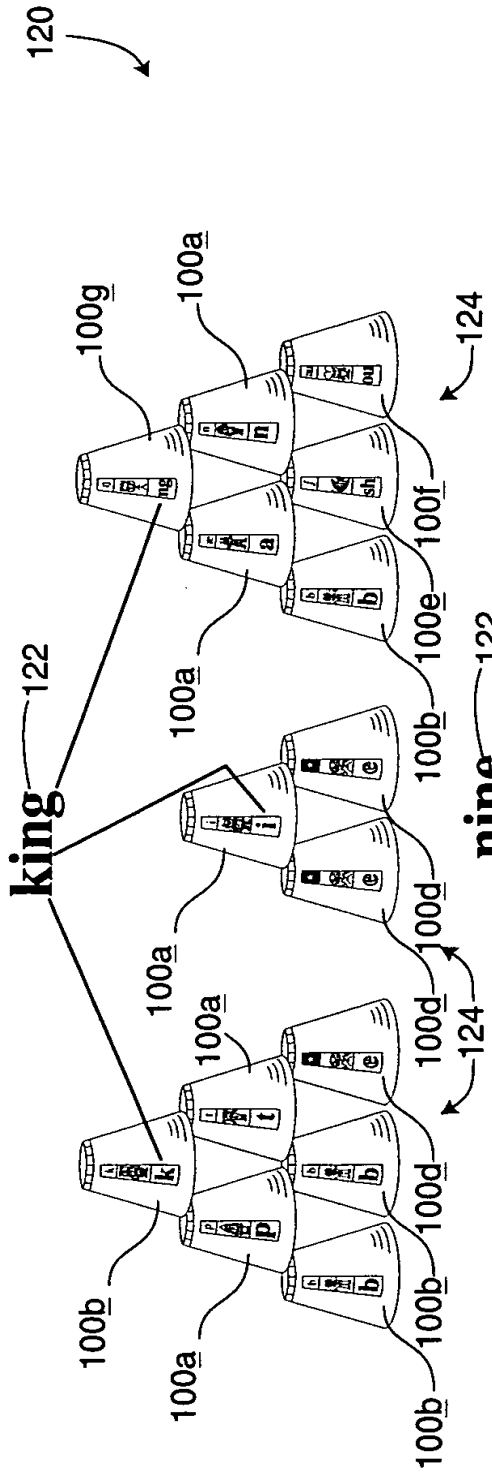


Fig. 28

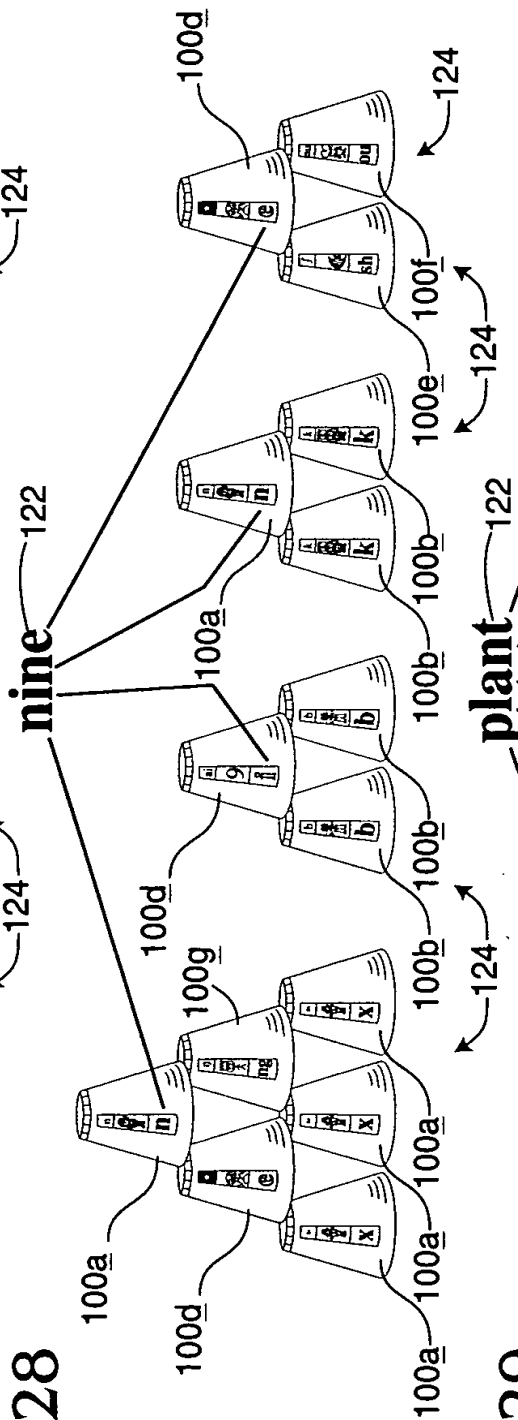


Fig. 29

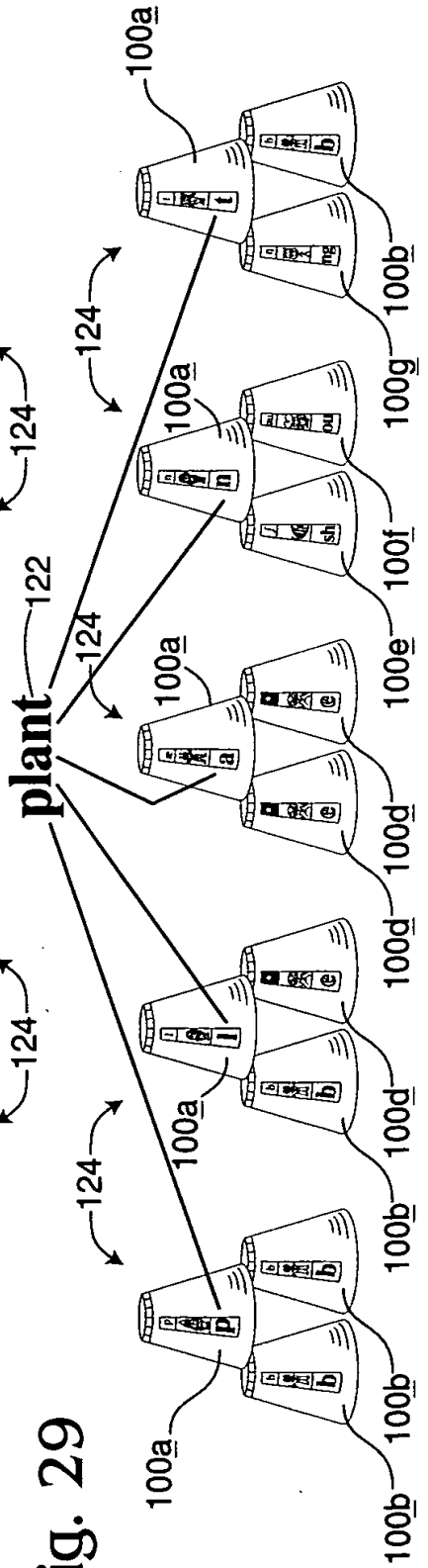


Fig. 30

Wheel 1 Letter(s)	Character Name	Pronunciation Symbol
a	ant	æ
e	elf	e
f	fox	f
g	gus	g
i	imp	i
l	lug	l
m	mop	m
n	nut	n
o	ots	ɑ
p	pen	p
s	sox	s
t	ten	t
u	ump	ʌ
x	xxx	ks

Fig. 31

Wheel 2 Letter(s)	Character Name	Pronunciation Symbol
b	bat	b
c	cat	k
d	dog	d
h	hat	h
j	jet	dʒ
k	kid	k
qu	quiz	kw
r	red	r
v	van	v
w	wig	w
y	yum	j
z	zip	z

Fig. 32

Wheel 3

Letter(s)	Character Name	Pronunciation Symbol
silent e	no sound	--
o	bone	ou
s	dogs	z
u	June	u:
y	fly	ai
a	Japan	ə
a	ball	ɔ:
o	two	u:
e	zebra	i:
u	bull	u
y	kitty	i
o	son	ʌ
a	snake	ei
c	cent	s
g	giant	dʒ
i	nine	ai

Fig. 33

Wheel 4

Letter(s)	Character Name	Pronunciation Symbol
sh	fish	f
oo	spoon	u:
ow	cow	au
ea	dream	i:
wh	whale	hw
ea	head	e
oo	book	u
ow	snow	ou
ck	neck	k
er	paper	ə:r
ee	tree	i:
or	fork	ɔ:r

Fig. 34

Wheel 5

Letter(s)	Character Name	Pronunciation Symbol
ou	mouse	au
oy	boy	ɔi
ch	check	tʃ
ie	tie	ai
ar	car	a:r
wr	wrist	r
th	that	ð
ou	soup	u:
ch	chord	k
ai	rain	ei
ui	fruit	u:
au	sauce	ɔ:
th	three	θ
ir	girl	ə:r

Fig. 35

Wheel 6

Letter(s)	Character Name	Pronunciation Symbol
ng	king	ŋ
aw	claw	ɔ:
igh	night	ai
wor	worm	wə:r
kn	knife	n
ew	new	u:
dge	edge	dʒ
oa	boat	ou
ur	turn	ə:r
tch	watch	tʃ
ey	key	i:
ay	May	ei
ph	phone	f
oi	coin	ɔi

Fig. 36

WORD LIST 1

Words and character names that can be spelled using the letter(s) 46 and associated phonemes of the first subset of set 11, of wheel 1

- | | | | | | | | | | |
|--------|----------|---------|---------|---------|----------|----------|----------|----------|---------|
| 1 ant | 11 flag | 21 gum | 31 lost | 41 mix | 51 ots | 61 plant | 71 slam | 81 split | 91 ten |
| 2 egg | 12 flax | 22 gus | 32 lug | 42 mom | 52 ox | 62 plum | 72 slap | 82 spot | 92 tent |
| 3 elf | 13 fog | 23 ill | 33 lump | 43 mop | 53 pan | 63 plus | 73 slim | 83 stamp | 93 test |
| 4 elm | 14 fox | 24 imp | 34 man | 44 moss | 54 pants | 64 pop | 74 slip | 84 stem | 94 tilt |
| 5 fan | 15 fun | 25 lamp | 35 map | 45 mug | 55 pass | 65 pot | 75 smell | 85 step | 95 tip |
| 6 fast | 16 gas | 26 last | 36 mat | 46 nest | 56 pen | 66 pump | 76 snap | 86 stop | 96 top |
| 7 fat | 17 gift | 27 leg | 37 melt | 47 net | 57 pest | 67 putt | 77 sox | 87 sun | 97 trip |
| 8 fig | 18 glass | 28 lift | 38 mess | 48 nut | 58 pet | 68 sap | 78 spell | 88 tag | 98 tug |
| 9 film | 19 golf | 29 lip | 39 mint | 49 off | 59 pig | 69 sit | 79 spill | 89 tan | 99 ump |
| 10 fin | 20 gull | 30 log | 40 miss | 50 on | 60 pin | 70 six | 80 spin | 90 tap | 100 up |

Fig. 37

WORD LIST 2

Words and character names that can be spelled using the letter(s) 46 and associated phonemes of the first and second subset of set 11, of wheel 2

- | | | | | | | | | | |
|---------|---------|----------|----------|----------|---------|----------|----------|----------|---------|
| 1 bad | 11 big | 21 clam | 31 dad | 41 frog | 51 hop | 61 mad | 71 raft | 81 skin | 91 vest |
| 2 bag | 12 box | 22 clap | 32 desk | 42 frost | 52 hops | 62 milk | 72 rag | 82 skip | 92 web |
| 3 band | 13 bud | 23 class | 33 dig | 43 grab | 53 hot | 63 mud | 73 ram | 83 sled | 93 wet |
| 4 bank | 14 bug | 24 club | 34 dog | 44 grass | 54 hug | 64 pad | 74 red | 84 skunk | 94 wig |
| 5 bass | 15 bump | 25 cod | 35 doll | 45 hand | 55 ink | 65 pink | 75 rod | 85 stand | 95 win |
| 6 bat | 16 bus | 26 comic | 36 dress | 46 hat | 56 jet | 66 pod | 76 rub | 86 swim | 96 wind |
| 7 bed | 17 buzz | 27 crab | 37 drink | 47 help | 57 jump | 67 pond | 77 run | 87 tub | 97 yell |
| 8 bell | 18 can | 28 cub | 38 drop | 48 hen | 58 kid | 68 print | 78 sad | 88 twig | 98 yak |
| 9 belt | 19 cap | 29 cup | 39 drum | 49 hill | 59 kiss | 69 quit | 79 sand | 89 twist | 99 yum |
| 10 bend | 20 cat | 30 cut | 40 dust | 50 hit | 60 lid | 70 quiz | 80 scrub | 90 van | 100 zip |

Fig. 38

